



## CHAPTER 6

# Profile APIs

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The information in this chapter enables you to use the Cisco Pulse profile-related REST APIs.

## Cisco Pulse Profile REST APIs

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## Add Information to a Profile

This API enables you to implement an interface whereby users can add information to their profiles.

### URL Template

`http://hostname:7090/social/rest/people/username/`

### HTTP Method

POST

### Example

`http://myhost1:7090/social/rest/people/george@mycompany.com/`

### Data Structure

Not applicable

Body:

Field	Description
Education	XML Example: <pre> &lt;education&gt;   &lt;institute&gt;     &lt;degree&gt;Master of Science&lt;/degree&gt;     &lt;university&gt;My University&lt;/university&gt;     &lt;emphasis&gt;Computer Science&lt;/emphasis&gt;   &lt;/institute&gt;   &lt;institute&gt;     &lt;degree&gt;Bachelor of Science&lt;/degree&gt;     &lt;university&gt;My University&lt;/university&gt;     &lt;emphasis&gt;Computer Science&lt;/emphasis&gt;   &lt;/institute&gt; &lt;/education&gt;           </pre>
Professional Experience	XML Example: <pre> &lt;professionalExperience&gt;   &lt;experience&gt;     &lt;title&gt;Software Engineer&lt;/title&gt;     &lt;company&gt;My Company&lt;/company&gt;     &lt;startDate&gt;2000-01-01 00:00:00.0&lt;/startDate&gt;   &lt;/experience&gt;   &lt;experience&gt;     &lt;title&gt;Software Engineer&lt;/title&gt;     &lt;company&gt;My Previous Company&lt;/company&gt;     &lt;startDate&gt;1999-01-01 00:00:00.0&lt;/startDate&gt;     &lt;endDate&gt;1999-12-31 00:00:00.0&lt;/endDate&gt;   &lt;/experience&gt; &lt;/professionalExperience&gt;           </pre>

Field	Description
Related Links	XML Example: <pre>&lt;relatedLinks&gt;   &lt;link&gt;     &lt;name&gt;My Social Networking Site&lt;/name&gt;     &lt;url&gt;http://www.mysocialnet.com&lt;/url&gt;   &lt;/link&gt;   &lt;link&gt;     &lt;name&gt;My Personal Blog&lt;/name&gt;     &lt;url&gt;http://www.mypersonalblog.com&lt;/url&gt;   &lt;/link&gt; &lt;/relatedLinks&gt;</pre>
Role	XML Example: <pre>&lt;groups&gt;user business administrator&lt;/groups&gt;</pre>
Personal Tags	XML Example: <pre>&lt;personalTags&gt;cooking, hiking&lt;/personalTags&gt;</pre>

### Parameters

Parameter	Description	Expected Value	Status
<i>username</i>	Adds information to the profile of the specified user.	<i>Cisco-Pulse username@domain.com</i>	Required
Education	Specifies educational experience.	See Data Structure above.	Optional
Professional Experience	Specifies current and previous professional experiences.	See Data Structure above.	Optional
Related Links	Specifies hypertext links to additional professional or personal information.	See Data Structure above.	Optional
Role	Specifies the Cisco Pulse privilege levels. By default, all Cisco Pulse users have the user privilege level.	See Data Structure above.	Optional
Personal Tags	Specifies a profile keyword, which is a term that is not currently in the Pulse Vocabulary and that you attach to yourself by adding it to your profile. A profile keyword can be a work-related term such as “collaboration” or a personal-interest term such as “cooking” or “hiking.”	See Data Structure above.	Optional

### Metadata

Content-Type=text/xml

### Expected Results

- Success:
  - HTTP Response 200: Additions to profile are made.
- Failures:
  - HTTP Response 500: Error retrieving profile of user with the specified username.

## Modify Profile Information

This API enables you to implement an interface whereby users can modify information in their profiles.

### URL Template

`http://hostname:7090/social/rest/people/username/`

### HTTP Method

PUT

### Example

`http://myhost1:7090/social/rest/people/george@mycompany.com/`

### Data Structure

Content-type=text/xml

Body:

Field	Description
Education	<p>XML Example:</p> <pre>&lt;education&gt;   &lt;institute&gt;     &lt;degree&gt;Master of Science&lt;/degree&gt;     &lt;university&gt;My University&lt;/university&gt;     &lt;emphasis&gt;Computer Science&lt;/emphasis&gt;   &lt;/institute&gt;   &lt;institute&gt;     &lt;degree&gt;Bachelor of Science&lt;/degree&gt;     &lt;university&gt;My University&lt;/university&gt;     &lt;emphasis&gt;Computer Science&lt;/emphasis&gt;   &lt;/institute&gt; &lt;/education&gt;</pre>
Professional Experience	<p>XML Example:</p> <pre>&lt;professionalExperience&gt;   &lt;experience&gt;     &lt;title&gt;Software Engineer&lt;/title&gt;     &lt;company&gt;My Company&lt;/company&gt;     &lt;startDate&gt;2000-01-01 00:00:00.0&lt;/startDate&gt;   &lt;/experience&gt;   &lt;experience&gt;     &lt;title&gt;Software Engineer&lt;/title&gt;     &lt;company&gt;My Previous Company&lt;/company&gt;     &lt;startDate&gt;1999-01-01 00:00:00.0&lt;/startDate&gt;     &lt;endDate&gt;1999-12-31 00:00:00.0&lt;/endDate&gt;   &lt;/experience&gt; &lt;/professionalExperience&gt;</pre>

Field	Description
Related Links	XML Example: <pre>&lt;relatedLinks&gt;   &lt;link&gt;     &lt;name&gt;My Social Networking Site&lt;/name&gt;     &lt;url&gt;http://www.mysocialnet.com&lt;/url&gt;   &lt;/link&gt;   &lt;link&gt;     &lt;name&gt;My Personal Blog&lt;/name&gt;     &lt;url&gt;http://www.mypersonalblog.com&lt;/url&gt;   &lt;/link&gt; &lt;/relatedLinks&gt;</pre>
Role	XML Example: <pre>&lt;groups&gt;user business administrator&lt;/groups&gt;</pre>
Personal Tags	XML Example: <pre>&lt;personalTags&gt;cooking, hiking&lt;/personalTags&gt;</pre>

### Parameters

Parameter	Description	Expected Value	Status
<i>username</i>	Adds information to the profile of the specified user.	<i>Cisco-Pulse username@domain.com</i>	Required
Education	Specifies educational experience.	See Data Structure above.	Optional
Professional Experience	Specifies current and previous professional experiences.	See Data Structure above.	Optional
Related Links	Specifies hypertext links to additional professional or personal information.	See Data Structure above.	Optional
Role	Specifies the Cisco Pulse privilege levels. By default, all Cisco Pulse users have the user privilege level.	See Data Structure above.	Optional
Personal Tags	Specifies a profile keyword, which is a term that is not currently in the Pulse Vocabulary and that you attach to yourself by adding it to your profile. A profile keyword can be a work-related term such as “collaboration” or a personal-interest term such as “cooking” or “hiking.”	See Data Structure above.	Optional

### Expected Results

- Success:
  - HTTP Response 200: Modifications to profile are made.
- Failures:
  - HTTP Response 500: Error retrieving profile of user with the specified username.

## Delete a Profile

This API enables you to implement an interface whereby users can delete information from their profiles.

### URL Template

`http://hostname:7090/social/rest/people/username/`

### HTTP Method

DELETE

### Example

`http://myhost1:7090/social/rest/people/george@mycompany.com/`

### Data Structure

Not applicable

### Parameters

Parameter	Description	Expected Value	Status
<i>username</i>	Deletes the profile of the specified user.	<i>Cisco-Pulse username@domain.com</i>	Required

### Expected Results

- Success:
  - HTTP Response 200: Deletes the profile of the specified user.
- Failures:
  - HTTP Response 400: Person not found.

## Get a Profile

This API enables you to implement a search for the profile of a specified user.

### URL Template

`http://hostname:7090/social/rest/people/username/svcId?format=format`

### HTTP Method

GET

### Example

`http://myhost1:7090/social/rest/people/george@mycompany.com/@self?format=xml`

### Data Structure

Not applicable

### Parameters

Parameter	Description	Expected Value	Status
<i>username</i>	Gets the profile of the specified user.	<i>Cisco-Pulse username@domain.com</i>	Required
<i>svcId</i>	Specifies the @self API.	@self	Required
<i>format</i>	Specifies the format of the response.	xml	Required

### Expected Results

- Success:
  - HTTP Response 200: Returns the profile for the specified user.
- Failures:
  - HTTP Response 500: Error retrieving profile of user with the specified username.

### XML Format Sample

Body:

```
<response>
  <person>
    <addresses>
      <country>United States</country>
      <locality>Milpitas</locality>
      <postalCode>95035</postalCode>
      <region>California</region>
      <streetAddress>San Jose Site 1 </streetAddress>
    </addresses>
    <displayName>George Williams</displayName>
    <education/>
    <emails>
      <primary>true</primary>
      <type>work</type>
      <value>george@mycompany.com</value>
    </emails>
    <groups>user</groups>
    <id>george@mycompany.com</id>
    <manager>Jane Campbell(jane)</manager>
```

```
<name>
  <familyName>Williams</familyName>
  <formatted>George Williams</formatted>
  <givenName>George</givenName>
</name>
<personalTags>
  test3
</personalTags>
<phoneNumbers>
  <type>phone</type>
  <value>+1 408 555 1234</value>
</phoneNumbers>
<professionalExperience/>
<relatedLinks/>
</person>
</response>
```