

# CoPerson API

## Add

Add a new CO Person. A person must have an OrgIdentity before they can be added to a CO. Note that [linking to an OrgIdentity](#) and [invitations](#) are separate operations.

### Request Format

Method	POST
URL	<code>/co_people.&lt;format&gt;</code>
Request Body	<a href="#">CoPerson Request</a>

### Response Format

HTTP Status	Response Body	Description
201 Added	<a href="#">NewObjectResponse</a> with ObjectType of <i>CoPerson</i>	CoPerson created
400 Bad Request		CoPerson Request not provided in POST body
400 Invalid Fields	<a href="#">ErrorResponse</a> with details in InvalidFields element	An error in one or more provided fields
401 Unauthorized		Authentication required
403 CO Does Not Exist		The specified CO does not exist
500 Other Error		Unknown error

## Delete

Remove a CO Person. This method will also delete related data, such as [CoPersonRoles](#), [EmailAddresses](#), and [Identifiers](#). A person must be removed from any COs (CoPerson records must be deleted) before the OrgIdentity record can be removed.

### Request Format

Method	DELETE
URL	<code>/co_people/&lt;id&gt;.&lt;format&gt;</code>
Request Body	

### Response Format

HTTP Status	Response Body	Description
200 Deleted		CoPerson deleted
400 Invalid Fields		<i>id</i> not provided
401 Unauthorized		Authentication required
403 CoPersonRole Exists		The Person has one or more Person Role records and cannot be deleted
403 CouPerson Exists In Unowned COU		The Person has a role in one or more COUs that the authenticated user does not control
404 CoPerson Unknown		<i>id</i> not found
500 Other Error		Unknown error

## Edit

Edit an existing CO Person.

## Request Format

Method	PUT
URL	/co_people/<id>.<format>
Request Body	CoPerson Request

## Response Format

HTTP Status	Response Body	Description
200 OK		CoPerson updated
400 Bad Request		CoPerson Request not provided in POST body
400 Invalid Fields	<a href="#">ErrorResponse</a> with details in InvalidFields element	An error in one or more provided fields
401 Unauthorized		Authentication required
403 CO Does Not Exist		The specified CO does not exist
404 CoPerson Unknown		<i>id</i> not found
500 Other Error		Unknown error

## Find

Search for existing CO Person records.

When too many records are found, a message may be returned rather than specific records.



### Provisional API

This API call is currently intended only to support the People Picker user interface element. It does not currently support RESTful response codes. It may change across minor releases. It may be eventually be merged with the Match API.

The Find API is available as of Registry v3.3.0.

## Request Format

Method	GET
URL	/co_people/find/co:<id>/mode:<mode>?term=<string>
Request Body	

where

- **id**: CO ID
- **mode**: Search context, currently the supported values are *S* (Sponsor Mode), *AL* (All Mode) and *M* (Manager Mode)
- **string**: Search string, which may be a partial or full name token, or a complete Email Address or Identifier

## Response Format

A JSON array of objects, where each object contains a `label` (human readable string) and `value` (CO Person ID).

## Match

Attempt to match existing CO Person records.

Note that matching is not performed on search criteria of less than 3 characters, or for email addresses that are not syntactically valid.




### Provisional API


This API call is likely to evolve to accept search criteria more flexibly. It may change across minor releases. It may eventually be removed in favor of the *Find* API.

## Request Format

Method	GET
URL	<code>/co_people.&lt;format&gt;?coid=&lt;id&gt;[&amp;given=&lt;string&gt;][&amp;family=&lt;string&gt;][&amp;family=&lt;string&gt;][&amp;mail=&lt;string&gt;]</code>
Request Body	

 mail was added in Registry v3.3.0.

## Response Format

HTTP Status	Response Body	Description
200 OK	<a href="#">CoPerson Response</a>	CoPerson returned (zero or more matches may be returned)
401 Unauthorized		Authentication required
404 CO Unknown		<i>id</i> not found  Not currently implemented -- unknown CO will return an empty set
500 Other Error		Unknown error

## View (all)

Retrieve all existing CO People.

### Request Format

Method	GET
URL	<code>/co_people.&lt;format&gt;</code>
Request Body	

### Response Format

HTTP Status	Response Body	Description
200 OK	<a href="#">CoPerson Response</a>	CoPerson returned
401 Unauthorized		Authentication required
500 Other Error		Unknown error

## View (per CO)

Retrieve all existing CO People for the specified CO.

### Request Format

Method	GET
URL	<code>/co_people.&lt;format&gt;?coid=&lt;id&gt;</code>
Request Body	

### Response Format

HTTP Status	Response Body	Description
200 OK	<a href="#">CoPerson Response</a>	CoPeople returned
401 Unauthorized		Authentication required

404 CO Unknown		<i>id</i> not found
500 Other Error		Unknown error

## View (per Email Address)

Retrieve all existing CO People attached to the specified Email Address. Note the specified identifier must be attached to a CO Person, not an Org Identity. Available as of Registry v4.1.0.

### Request Format

<b>Method</b>	GET
<b>URL</b>	<code>/co_people.&lt;format&gt;?coid=&lt;id&gt;&amp;search.mail=&lt;address&gt;</code>
<b>Request Body</b>	

### Response Format

HTTP Status	Response Body	Description
200 OK	<a href="#">CoPerson Response</a>	CoPeople returned
401 Unauthorized		Authentication required
404 CO Unknown		<i>id</i> not found
500 Other Error		Unknown error

## View (per Identifier)

Retrieve all existing CO People attached to the specified identifier. Note the specified identifier must be attached to a CO Person, not an Org Identity.

### Request Format

<b>Method</b>	GET
<b>URL</b>	<code>/co_people.&lt;format&gt;?coid=&lt;id&gt;&amp;search.identifier=&lt;identifier&gt;</code>
<b>Request Body</b>	

### Response Format

HTTP Status	Response Body	Description
200 OK	<a href="#">CoPerson Response</a>	CoPeople returned
401 Unauthorized		Authentication required
404 CO Unknown		<i>id</i> not found
500 Other Error		Unknown error

## View (one)

Retrieve an existing CO Person.

### Request Format

<b>Method</b>	GET
<b>URL</b>	<code>/co_people/&lt;id&gt;.&lt;format&gt;</code>
<b>Request Body</b>	

## Response Format

HTTP Status	Response Body	Description
200 OK	<a href="#">CoPerson Response</a>	CoPerson returned
401 Unauthorized		Authentication required
404 CoPerson Unknown		<i>id</i> not found
500 Other Error		Unknown error

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## Notes

- Response *format* requested is ignored where response is only via HTTP status, but must still be provided.

## See Also

- [cm\\_org\\_identities](#) data model definition
- [CoOrgIdentityLink API](#)
- [CoPersonRole API](#)
- [EmailAddress API](#) (required for [Invites](#))
- [Identifier API](#)
- [OrgIdentity API](#)
- [TelephoneNumber API](#)
- [Url API](#)