



Employee API v1

Extend Integration Guides



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Introduction

The Employee v1 is the legacy API allowing to create, update, and fetch user details from Cornerstone.



Employee API v2

Note that there is a newer version of the Employee API. You are currently viewing the documentation for Employee API v1. If you are looking for the documentation for the latest version, please [click here](#). If you currently use the v1 version, we highly encourage you to switch to v2.

The v2 endpoints have:

- Better performance with modular endpoints
- Higher throttling limits
- Better ability to search for an employee

Default Password

The API will assign a default password for any new users created using the API. The default password is controlled by a portal level backend setting and cannot be updated using the API. If you need to verify the value of this backend setting please log a case with Global Product Support. If this backend setting has no value, the API will not set a password for the user. In such instances, the user will need to reset their password using the 'Forgot Password' option.

Resources

Starter Guide: [Employee API Starter Guide](#)

Throttling

The table below lists the throttling limits for the Employee API. The limits vary by HTTP method.

HTTP Method	Requests Per Minute	Requests Per Hour	Requests Per Day
GET - Single User	100	6,000	144,000
GET - Bulk	50	3,000	72,000
PATCH	100	6,000	144,000
POST	100	6,000	144,000
PUT	100	6,000	144,000

Localization

The Employee API's GET methods support localization for Organizational Unit (OU) names and custom fields in the response. The response data is in the language of the user calling the API, i.e., the language of the user associated with your registered OAuth 2.0 application. If you are using STS authentication, the Employee API uses the language of the user passed in the call to acquire a session token.

Developer Libraries

We have provided sample code to make it easier to implement against our APIs. The links below will take you to our GitHub repositories that provide sample code for certain APIs. The sample code covers both the authentication and service call steps.

- [Get Employee - C#](#)
- [Get Employee - Java](#)

Endpoints

Employee

Relative URI: `/v1/employees/{id}`

Absolute URI: `/services/api/x/users/v1/employees/{id}`

This endpoint allows you to get and update a single employee record containing the bulk of the information about the employee using a unique identifier. If you wish to create an employee or fetch employee records in bulk, click on 'Employees' in the left nav.

Note that this API does not allow you to fetch or update an employee's user type and employment status, including termination and rehire information. To fetch or update these details, please use the 'Employee Employment Status' endpoint (`/services/api/x/users/v1/employees/{id}/employmentstatus`).

You can construct your request URL in two ways:

1. `https://{corpname}.csod.com/services/api/x/users/v1/employees/{id}`. Here, the `id` parameter in the URL must match with the existing Cornerstone generated ID for a user.
2. `https://{corpname}.csod.com/services/api/x/users/v1/employees/{identifiertype}-{id}`. For the `identifiertype` parameter, you can send one of the following values:
 - o **id**: This is a Cornerstone generated unique ID for each user in your portal.
 - o **userid**: This is the User ID you see in the Cornerstone UI. You may also have seen this being referred to as the 'User Ref'. For example, `https://{corpname}.csod.com/services/api/x/users/v1/employees/userid-johndoe`.
 - o **guid**: This is a Cornerstone generated GUID for each user in your portal.

Validation Exceptions

#	Validation	Description
1	The Value provided for this field must be unique across the system	UserId must be unique
2	The Value provided for this field must be unique across the system	UserName must be unique
3	Invalid Value	The value provided is not a valid value for field
4	Missing Parent Custom Field	For Branch Down Custom Field dependent parent value is either missing or not provided
5	Duplicate Record	Duplicated records provided in Custom Fields
6	User not authorized	User Is not authorized to perform operations
7	Field Missing	If value field not provided in Custom Fields or IsSelected not provided for multicheckbox fields

Employee - GET

Use this endpoint to fetch the core employee record containing the bulk of the information about an employee.

Permission Required: Employee API - View

OAuth 2.0 Scope: employee:read

Query Parameters:

Name	Description	Type	Required
id	Valid User id, Cornerstone Internal Integer Id	Number (Int32)	Yes

Headers:

Name	Description	Type	Required
x-csod-corp-id	Corporation identifier	String	Yes
x-csod-correlation-id	Correlation identifier	String	No

Responses:

HTTP Status	Description	Media Type	Body Type	Example
200 (OK)	OK	JSON (application/json)	EmployeeData	<pre>{ "status": "String content", "timestamp": "Date", "data": { "id": Number, "userId": "String content", "userName": "String content", "guid": "GUID", "firstName": "String content", "lastName": "String content", "middleName": "String content", "prefix": "String content", "suffix": "String content", "primaryEmail": "String content", "personalEmail": "String content", "homePhone": "String content", "mobilePhone": "String content", "workPhone": "String content", "fax": "String content", "address": { "country": "String content", "line1": "String content", "line2": "String content", "city": "String content", "state": "String content", "zipCode": "String content" } } },</pre>

HTTP Status	Description	Media Type	Body Type	Example
				<pre> "workerStatus":{ "lastHireDate":"Date", "originalHireDate":"Date", "active":bool, "absent":bool }, "settings":{ "displayLanguage":"String content", "timeZone":"String content", "trainingApprovals":Number }, "manager":{ "id":Number, "userId":"String content", "firstName":"String content", "lastName":"String content" }, "approver":{ "id":Number, "userId":"String content", "firstName":"String content", "lastName":"String content" }, "relations":[{ "relationType":"String content", "id":Number, "userId":"String content", "firstName":"String content", "lastName":"String content" }], "ous":[{ "id":Number, "ouId":"String content", "name":"String content", "type":"String content" }], "selfRegistrationGroup":{ "id":Number, "ouId":"String content", "name":"String content", "type":"String content" }, "customOus":[{ "id":Number, "ouId":"String content", "name":"String content", "type":"String content" }], "customFields":[{ "id":Number, "name":"String content", "value":"String content" }], "employeeMetaData":{ </pre>

HTTP Status	Description	Media Type	Body Type	Example
				<pre>"createdDate":"Date", "modifiedDate":"Date" } } }</pre>

Employee - PATCH

This endpoint allows you to update the core employee record.

Permission Required: Employee API - Edit

OAuth 2.0 Scope: employee:updatepartial

Blank Overwrite

- To update standard fields of string type with blank send value as null.
- Required fields cannot be set to blank.
- Boolean type standard fields can be set false.
- Custom fields can be overwritten by sending null in the value parameter within the custom field array.
- Multi checkbox fields cannot be overwritten with blank or null. Instead, each value in multi checkbox can be set to false.
- While overwriting branched dropdown custom fields, you must include the parent custom fields.
- Fields of type array (relations, ous, customOus) cannot be directly assigned to a null value. Instead set Id as null to remove the existing value.

Reason For Change

The reasonForChange request parameter is required if enabled in your portal under User Preferences.

A client administrator can configure 'reasons for change' in their portal. For a complete list of values in your portal, please log in to your Cornerstone portal and navigate to Admin > Tools > Core Functions > Core Preferences > User Preferences.

Query Parameters:

Name	Description	Type	Required
id	Cornerstone generated unique ID User id, Cornerstone Internal Integer Id	Number (Int32)	Yes

Headers:

Name	Description	Type	Required
x-csod-corp-id	Corporation identifier	String	Yes

Name	Description	Type	Required
x-csod-correlation-id	Correlation identifier	String	No

Responses:

HTTP Status	Description	Media Type	Body Type	Example
200 (OK)	OK	JSON (application/json)	EmployeeResponseData	<pre>{ "status": "String content", "timestamp": "Date", "data": { "id": number, "url": "URL" } }</pre>

Request Body:

Media Type	Body Type	Example
JSON (application/json)	EmployeeData	<pre>{ "userId":"String content", "userName":"String content", "firstName":"String content", "lastName":"String content", "middleName":"String content", "prefix":"String content", "suffix":"String content", "primaryEmail":"String content", "personalEmail":"String content", "homePhone":"String content", "mobilePhone":"String content", "workPhone":"String content", "fax":"String content", "address":{ "country":"String content", "line1":"String content", "line2":"String content", "city":"String content", "state":"String content", "zipCode":"String content" }, "workerStatus":{ "lastHireDate":"Date", "originalHireDate":"Date", "active":bool, "absent":bool }, "settings":{ "displayLanguage":"String content", "timeZone":"String content", "trainingApprovals":Number }, "manager":{ "id":Number, "userId":"String content",</pre>

Media Type	Body Type	Example
		<pre> "firstName":"String content", "lastName":"String content" }, "approver":{ "id":Number, "userId":"String content", "firstName":"String content", "lastName":"String content" }, "relations":[{ "relationType":"String content", "id":Number, "userId":"String content", "firstName":"String content", "lastName":"String content" }], "ous":[{ "id":Number, "ouId":"String content", "name":"String content", "type":"String content" }], "selfRegistrationGroup":{ "id":Number, "ouId":"String content", "name":"String content", "type":"String content" }, "customOus":[{ "id":Number, "ouId":"String content", "name":"String content", "type":"String content" }], "customFields":[{ "id":Number, "name":"String content", "value":"String content" }], "reasonForChange":"String content" } </pre>

Employees

Relative URI: **/v1/employees**

Absolute URI: `/services/api/x/users/v1/employees`

Use this endpoint to fetch employee records in bulk with optional query parameters. You can also use this endpoint to create new employee records.

Note that this API does not allow you to fetch or update an employee's user type and employment status, including termination and rehire information. To fetch or update these details, please use the 'Employee Employment Status' endpoint (`/services/api/x/users/v1/employees/{id}/employmentstatus`).

Validation Exceptions

#	Validation	Description
1	The Value provided for this field must be unique across the system	UserId must be unique
2	The Value provided for this field must be unique across the system	UserName must be unique
3	Invalid Value	The value provided is not a valid value for field
4	Missing Parent Custom Field	For Branch Down Custom Field dependent parent value is either missing or not provided
5	Duplicate Record	Duplicated records provided in Custom Fields
6	User Not Found	User does not Exists in system
7	User not authorized	User Is not authorized to perform operations
8	Field Missing	If value field not provided in Custom Fields or IsSelected not provided for multicheckbox fields

Employees - GET

Use this endpoint to fetch employee records in bulk. All query parameters are optional. If you don't provide any query parameters, the API will respond with all employee records in your portal.

Note that the response does not include custom fields and group information for users. To retrieve custom fields, use the `/services/api/x/users/v1/employees/customfields` endpoint. To retrieve groups, use the `/services/api/x/users/v1/employees/groups` endpoint.

Permission Required: Employee API - View

OAuth 2.0 Scope: `employee:read`

Query Parameters:

Name	Description	Type	Required
userid	User's Ref, Client Define value	String	No

Name	Description	Type	Required
lastname	Last Name	String	No
firstname	First name	String	No
guid	GUID	String	No
lastmodified	Last modified since. API will return any employee records that were modified since the date provided in this field (inclusive). Employee last modified on	String	No
createdate	Employee created	String	No
includeInactive	Include Inactive Employees values : (yes/no, true/false)	String	No

Headers:

Name	Description	Type	Required
x-csod-corp-id	Corporation identifier	String	Yes
x-csod-correlation-id	Correlation identifier	String	No

Responses:

HTTP Status	Description	Media Type	Body Type	Example
200 (OK)	OK	JSON (application/json)	BulkEmployeesResponseData	<pre>{ "status": "String content", "timestamp": "Date", "data": { "employees": [{ "id": "Number", "userId": "String content", "userName": "String content", "guid": "GUID", "firstName": "String content", "lastName": "String content", "middleName": "String content", "prefix": "String content", "suffix": "String content", "primaryEmail": "String content", "personalEmail": "String content", "homePhone": "String content", "mobilePhone": "String content", "workPhone": "String content", "fax": "String content", "address": {</pre>

HTTP Status	Description	Media Type	Body Type	Example
				<pre> "country": "String content", "line1": "String content", "line2": "String content", "city": "String content", "state": "String content", "zipCode": "String content" }, "workerStatus": { "lastHireDate": "Date", "originalHireDate": "Date", "active": bool, "absent": bool }, "settings": { "displayLanguage": "String content", "timeZone": "String content", "trainingApprovals": Number }, "manager": { "id": Number, "userId": "String content", "firstName": "String content", "lastName": "String content" }, "approver": { "id": Number, "userId": "String content", "firstName": "String content", "lastName": "String content" }, "relations": [{ "relationType": "String content", "id": Number, "userId": "String content", "firstName": "String content", "lastName": "String content" }], "ous": [{ "id": Number, "ouId": "String content", "name": "String content", "type": "String content" }], "selfRegistrationGroup": { "id": Number, "ouId": "String content", "name": "String content", "type": "String content" }, "customOus": [{ "id": Number, "ouId": "String content", "name": "String content", "type": "String content" }], "employeeMetaData": { </pre>

HTTP Status	Description	Media Type	Body Type	Example
				<pre>"createdDate":"Date", "modifiedDate":"Date" } }, "size":Number, "start":Number, "total":Number } }</pre>

Employees - POST

Use this endpoint to create employee records in bulk.

Permission Required: Employee API - Edit.

OAuth 2.0 Scope: employee:write.

Responses:

HTTP Status	Description	Media Type	Body Type	Example
200 (OK)	OK	JSON (application/json)	EmployeeResponseData	<pre>{ "status": "String content", "timestamp": "Date", "data": { " id": number, " url": "URL" } }</pre>

Request Body:

Media Type	Body Type	Example
JSON (application/json)	EmployeeData	<pre>{ "userId":"String content", "userName":"String content", "firstName":"String content", "lastName":"String content", "middleName":"String content", "prefix":"String content", "suffix":"String content", "primaryEmail":"String content", "personalEmail":"String content", "homePhone":"String content", "mobilePhone":"String content", "workPhone":"String content", "fax":"String content", "address":{</pre>

Media Type	Body Type	Example
		<pre> "country": "String content", "line1": "String content", "line2": "String content", "city": "String content", "state": "String content", "zipCode": "String content" }, "workerStatus": { "lastHireDate": "Date", "originalHireDate": "Date", "active": bool, "absent": bool }, "settings": { "displayLanguage": "String content", "timeZone": "String content", "trainingApprovals": Number }, "manager": { "id": Number, "userId": "String content", "firstName": "String content", "lastName": "String content" }, "approver": { "id": Number, "userId": "String content", "firstName": "String content", "lastName": "String content" }, "relations": [{ "relationType": "String content", "id": Number, "userId": "String content", "firstName": "String content", "lastName": "String content" }], "ous": [{ "id": Number, "ouId": "String content", "name": "String content", "type": "String content" }], "selfRegistrationGroup": { "id": Number, "ouId": "String content", "name": "String content", "type": "String content" }, "customOus": [{ "id": Number, "ouId": "String content", "name": "String content", "type": "String content" }], "customFields": [{ </pre>

Media Type	Body Type	Example
		<pre>"id":Number, "name":"String content", "value":"String content" }] }</pre>

Employee Activation Period

Relative URI: **/v1/employees/{id}/activationperiod.**

Absolute URI: /services/api/x/users/v1/employees/{id}/activationperiod.

Validation Exceptions

#	Validation	Description
1	{identifiertype}- {id}	Invalid Value.
2	User	User Not Found.
3	Permission	Employee service is not enabled, please contact the system administrator.
4	security object	Provided service does not have security object - Rest Service - Core enabled to perform this operation.
5	ActiveFrom	Invalid Year.
6	ActiveTo	Invalid Year.

Employee Activation Period - GET

Use this endpoint to fetch the activation period for an employee.

Permission Required: Employee API - View

OAuth 2.0 Scope: employee:read

Query Parameters:

Name	Description	Type	Required
id	Cornerstone generated unique ID Valid User id, Cornerstone Internal Integer Id	Number (Int32)	Yes

Headers:

Name	Description	Type	Required
x-csod-corp-id	Corporation identifier	String	Yes
x-csod-correlation-id	Correlation identifier	String	No

Responses:

HTTP Status	Description	Media Type	Body Type	Example
200 (OK)	OK	JSON (application/json)	ActivationPeriodData	<pre>{ "status": "String content", "timestamp": "Date", "data": { "activeFrom": "Date", "activeTo": "Date" } }</pre>

Employee Activation Period - PATCH

Permission Required: Employee API - Edit.

OAuth 2.0 Scope: employee:updatepartial.

Query Parameters:

Name	Description	Type	Required
id	Valid employee id	Number (Int32)	Yes

Headers:

Name	Description	Type	Required
x-csod-corp-id	Corporation identifier	String	Yes
x-csod-default-culture-id	Culture identifier	Number (Int32)	Yes
x-csod-correlation-id	Correlation identifier	String	No

Responses:

HTTP Status	Description	Media Type	Body Type	Example
200 (OK)	OK	JSON (application/json)	EmployeeResponseData	<pre>{ "status": "String content", "timestamp": "Date", "data": { "id": number, "url": "URL" } }</pre>

Request Body:

Media Type	Body Type	Example
JSON (application/json)	ActivationPeriodData	<pre>{ "activeFrom": "Date", "activeTo": "Date" }</pre>

Employee Effective Date Status

Relative URI: `/v1/employees/{id}/effectivedate/status`

Absolute URI: `/services/api/x/users/v1/employees/{id}/effectivedate/status`

If your Cornerstone portal has the 'Effective Dating' feature turned on, you can use this endpoint to fetch the effective dates for a given user. Once you have the dates, you can then use the 'Employee As Of' endpoint (`/services/api/x/users/v1/employees/{id}/effectivedate/{asOfDate}`) to fetch the detailed employee record for each one of the effective dates.

To learn more about the 'Effective Dating' feature, read this [help article](#) (you will need to be logged into a Cornerstone portal to access this link).

You can construct your request URL in two ways:

1. `https://{corpname}.csod.com/services/api/x/users/v1/employees/{id}/effectivedate/status`. Here, the `id` parameter in the URL must match with the existing Cornerstone generated ID for a user.
2. `https://{corpname}.csod.com/services/api/x/users/v1/employees/{identifiertype}-{id}/effectivedate/status`. For the `identifiertype` parameter, you can send one of the following values:
 - **id**: This is a Cornerstone generated unique ID for each user in your portal.
 - **userid**: This is the User ID you see in the Cornerstone UI. You may also have seen this being referred to as the 'User Ref'. For example, `https://{corpname}.csod.com/services/api/x/users/v1/employees/userid-johndoe/effectivedate/status`.
 - **guid**: This is a Cornerstone generated GUID for each user in your portal.

Employee Effective Date Status - GET

Permission Required: Employee API - View.

OAuth 2.0 Scope: employee:read.

Query Parameters:

Name	Description	Type	Required
id	Cornerstone generated unique ID Valid User id, Cornerstone Internal Integer Id.	Number (Int32)	Yes
from	From Date filter for Effective Date, Format YYYY-MM-DD	String	No
to	To Date filter for Effective Date, Format YYYY-MM-DD	String	No
pageNumber	Valid positive integer value for page number	Number (Int32)	No

Headers:

Name	Description	Type	Required
x-csod-corp-id	Corporation identifier	String	Yes
x-csod-user-id	User identifier	Number	No
x-csod-correlation-id	Correlation identifier	String	No

Responses:

HTTP Status	Description	Media Type	Body Type	Example
200 (OK)	OK	JSON (application/json)	AvailableEffectiveDates	<pre>{ "status": "String content", "timestamp": "Date", "data": { "effectiveDates": [{ "effectiveDate": "Date", "status": "String content" }, { "effectiveDate": "Date", "status": "String content" }] } }</pre>

HTTP Status	Description	Media Type	Body Type	Example
				<pre> }], "size": Number, "start": Number, "total": Number } } </pre>

Employee As Of

Relative URI: `/v1/employees/{id}/effectivedate/{asOfDate}`

Absolute URI: `/services/api/x/users/v1/employees/{id}/effectivedate/{asOfDate}`

Use this endpoint to fetch and update employee effective dated records. Before using this endpoint, you may want to fetch the list of effective dates for a user with the 'Employee Effective Date Status' endpoint (`/services/api/x/users/v1/employees/{id}/effectivedate/status`). Once you have the dates, you can then use this endpoint to fetch or update the detailed employee record for each one of the effective dates.

To learn more about the 'Effective Dating' feature, read this [help article](#) (you will need to be logged into a Cornerstone portal to access this link).

You can construct your request URL in two ways:

1. `https://{corpname}.csod.com/services/api/x/users/v1/employees/{id}/effectivedate/{asOfDate}`. Here, the id parameter in the URL must match with the existing Cornerstone generated ID for a user.
2. `https://{corpname}.csod.com/services/api/x/users/v1/employees/{identifiertype}-{id}/effectivedate/{asOfDate}`. For the `identifiertype` parameter, you can send one of the following values:
 - o **id**: This is a Cornerstone generated unique ID for each user in your portal.
 - o **userid**: This is the User ID you see in the Cornerstone UI. You may also have seen this being referred to as the 'User Ref'. For example, `https://{corpname}.csod.com/services/api/x/users/v1/employees/userid-johndoe/effectivedate/{asOfDate}`.
 - o **guid**: This is a Cornerstone generated GUID for each user in your portal.

Validation Exceptions

#	Validation	Description
1	<code>{identifiertype}-{id}</code>	Invalid Value.
2	User	User Not Found.
3	Permission	Employee service is not enabled, please contact the system administrator.
4	Security Object	Provided service does not have security object - Rest Service - Core enabled to perform this operation.
5	asOfDate	Invalid Value.

Employee As Of - GET

Use this API to fetch the detailed record for an employee on a given effective date.

Permission Required: Employee API - View

OAuth 2.0 Scope: employee:read

Query Parameters:

Name	Description	Type	Required
id	Cornerstone generated unique ID User id integer value, Cornerstone Internal User Id	Number (Int32)	Yes
asOfDate	Effective Date, Format YYYY-MM-DD	String	Yes

Headers:

Name	Description	Type	Required
x-csod-corp-id	Corporation identifier	String	Yes
x-csod-user-id	User identifier	Number	No
x-csod-correlation-id	Correlation identifier	String	No

Responses:

HTTP Status	Description	Media Type	Body Type	Example
200 (OK)	OK	JSON (application/json)	EmployeeData	<pre>{ "status":"String content", "timestamp":"Date", "data":{ "id":Number, "userId":"String content", "userName":"String content", "guid":"GUID", "firstName":"String content", "lastName":"String content", "middleName":"String content", "prefix":"String content", "suffix":"String content", "primaryEmail":"String content", "personalEmail":"String content", "homePhone":"String content", "mobilePhone":"String content", "workPhone":"String content", "fax":"String content", "address":{ "country":"String content", "line1":"String content", "line2":"String content",</pre>

HTTP Status	Description	Media Type	Body Type	Example
				<pre> "city": "String content", "state": "String content", "zipCode": "String content" }, "workerStatus": { "lastHireDate": "Date", "originalHireDate": "Date", "active": bool, "absent": bool }, "settings": { "displayLanguage": "String content", "timeZone": "String content", "trainingApprovals": Number }, "manager": { "id": Number, "userId": "String content", "firstName": "String content", "lastName": "String content" }, "approver": { "id": Number, "userId": "String content", "firstName": "String content", "lastName": "String content" }, "relations": [{ "relationType": "String content", "id": Number, "userId": "String content", "firstName": "String content", "lastName": "String content" }], "ous": [{ "id": Number, "ouId": "String content", "name": "String content", "type": "String content" }], "selfRegistrationGroup": { "id": Number, "ouId": "String content", "name": "String content", "type": "String content" }, "customOus": [{ "id": Number, "ouId": "String content", "name": "String content", "type": "String content" }], "customFields": [{ "id": Number, "name": "String content", "value": "String content" }] </pre>

HTTP Status	Description	Media Type	Body Type	Example
				<pre> }], "employeeMetaData":{ "createdDate":"Date", "modifiedDate":"Date" } } } } </pre>

Employee As Of - PATCH

Use this API to update an employee record on the "as of" date.

Permission Required: Employee API - Edit

OAuth 2.0 Scope: employee:updatepartial

Blank Overwrite

- To update standard fields of string type with blank send value as null.
- Required fields cannot be set to blank.
- Boolean type standard fields can be set false.
- Custom fields can be overwritten by sending null in the value parameter within the custom field array.
- Multi checkbox fields cannot be overwritten with blank or null. Instead, each value in multi checkbox can be set to false.
- While overwriting branched dropdown custom fields, you must include the parent custom fields.
- Fields of type array (relations, ous, customOus) cannot be directly assigned to a null value. Instead set id as null to remove the existing value.

Reason For Change

The reasonForChange request parameter is required if enabled in your portal under User Preferences.

A client administrator can configure 'reasons for change' in their portal. For a complete list of values in your portal, please log in to your Cornerstone portal and navigate to Admin > Tools > Core Functions > Core Preferences > User Preferences.

Query Parameters:

Name	Description	Type	Required
id	Cornerstone generated unique ID Valid User id, Cornerstone Internal Integer Id.	Number (Int32)	Yes
asOfDate	Effective Date, Format YYYY-MM-DD	String	Yes

Headers:

Name	Description	Type	Required
x-csod-corp-id	Corporation identifier	String	Yes
x-csod-user-id	User identifier	Number	No
x-csod-default-culture-id	Culture identifier	Number (Int32)	Yes
x-csod-correlation-id	Correlation identifier	String	No

Responses:

HTTP Status	Description	Media Type	Body Type	Example
200 (OK)	OK	JSON (application/json)	EmployeeResponseData	<pre>{ "status": "String content", "timestamp": "Date", "data": { "id": number, "url": "URL" } }</pre>

Request Body:

Media Type	Body Type	Example
JSON (application/json)	EmployeeData	<pre>{ "firstName":"String content", "lastName":"String content", "middleName":"String content", "prefix":"String content", "suffix":"String content", "primaryEmail":"String content", "personalEmail":"String content", "homePhone":"String content", "mobilePhone":"String content", "workPhone":"String content", "fax":"String content", "address":{ "country":"String content", "line1":"String content", "line2":"String content", "city":"String content", "state":"String content", "zipCode":"String content" }, "workerStatus":{ "active":bool, "absent":bool }, "settings":{ "timeZone":"String content" } }</pre>

```
},
"manager":{
  "id":Number,
  "userId":"String content",
  "firstName":"String content",
  "lastName":"String content"
},
"approver":{
  "id":Number,
  "userId":"String content",
  "firstName":"String content",
  "lastName":"String content"
},
"relations":[
  {
    "relationType":"String content",
    "id":Number,
    "userId":"String content",
    "firstName":"String content",
    "lastName":"String content"
  }
],
"ous":[
  {
    "id":Number,
    "ouId":"String content",
    "name":"String content",
    "type":"String content"
  }
],
"selfRegistrationGroup":{
  "id":Number,
  "ouId":"String content",
  "name":"String content",
  "type":"String content"
},
"customOus":[
  {
    "id":Number,
    "ouId":"String content",
    "name":"String content",
    "type":"String content"
  }
],
"customFields":[
  {
    "id":Number,
    "name":"String content",
    "value":"String content"
  }
],
"reasonForChange":"String content"
}
```

Employees Custom Fields

Relative URI: `/v1/employees/customfields`

Absolute URI: `/services/api/x/users/v1/employees/customfields`

Use this endpoint to fetch custom fields in employee records.

You can construct your request URL in three ways:

1. `https://{corpname}.csod.com/services/api/x/users/v1/employees/{id}/customfields/`. Here, the `id` parameter in the URL must match with the existing Cornerstone generated ID for a user.
2. `https://{corpname}.csod.com/services/api/x/users/v1/employees/{identifiertype}-{id}/customfields`. For the `identifiertype` parameter, you can send one of the following values:
 - o **id**: This is a Cornerstone generated unique ID for each user in your portal.
 - o **userid**: This is the User ID you see in the Cornerstone UI. You may also have seen this being referred to as the 'User Ref'. For example, `https://{corpname}.csod.com/services/api/x/users/v1/employees/userid-johndoe/customfields`.
 - o **guid**: This is a Cornerstone generated GUID for each user in your portal.
3. While the above two methods allow you to retrieve data for a single user record, you can use query parameters to fetch multiple employee records in a single API call. If you don't pass any query parameters and simply make a GET call to `/services/api/x/users/v1/employees/customfields`, the API will return custom field data for all employee records.

Employees Custom Fields - GET

Permission Required: Employee API - View

OAuth 2.0 Scope: `employee:read`

Query Parameters:

Name	Description	Type	Required
<code>id</code>	Cornerstone generated unique ID User Id integer value, Cornerstone Internal Integer Id	Number (Int32)	No
<code>userid</code>	User's Ref, Client Defined value User's Ref, Client Define value	String	No
<code>guid</code>	GUID	String	No
<code>lastname</code>	Last Name	String	No
<code>firstname</code>	First name	String	No
<code>lastmodified</code>	Last modified since. API will return any employee records that were modified since the date provided in this field (inclusive). Employee last modified on	String	No

Name	Description	Type	Required
createdate	Employee created	String	No
pagenumber	Valid positive integer value for page number	Number	No
includeInactive	Include Inactive Employees values : (yes/no, true/false). By default only active users are included in the response. Include Inactive Employees values : (yes/no, true/false)	String	No

Headers:

Name	Description	Type	Required
x-csod-corp-id	Corporation identifier	String	Yes
x-csod-user-id	User identifier	Number	No
x-csod-correlation-id	Correlation identifier	String	No

Responses:

HTTP Status	Description	Media Type	Body Type	Example
200 (OK)	OK	JSON (application/json)	BulkEmployeeCustomFieldData	<pre> Multiple Employee Records { "status": "String content", "timestamp": "Date", "data": { "userCustomFields": [{ "id": Number, "userId": "String content", "userName": "String content", "guid": "GUID", "customFields": [{ "id": Number, "name": "String content", "value": "String content" }] } } </pre>

HTTP Status	Description	Media Type	Body Type	Example
				<pre> "name": "String content", "value": "String content" }, { "id": Number, "name": "String content", "value": [{ "valueId": Number, "title": "String content", "isSelected": bool }], { "valueId": Number, "title": "String content", "isSelected": bool }], { "valueId": Number, "title": "String content", "isSelected": bool }] }], "size": Number, "start": Number, "total": Number } } Single Employee Record { </pre>

HTTP Status	Description	Media Type	Body Type	Example
				<pre> "status": "String content", "timestamp": "Date", "data": { "id": Number, "userId": "String content", "userName": "String content", "guid": "GUID", "customFields": [{ "id": Number, "name": "String content", "value": "String content" }, { "id": Number, "name": "String content", "value": "String content" }, { "id": Number, "name": "String content", "value": [{ "valueId": Number, "title": "String content", "isSelected": bool }, { "valueId": Number, "title": "String content", "isSelected": bool }, { "valueId": Number, "title": "String content", "isSelected": bool }] }] } </pre>

Employees Custom Fields - PATCH

Use this endpoint to update custom fields for employees in bulk.

Permission Required: Employee API - Edit.

OAuth 2.0 Scope: employee:updatepartial.

Query Parameters:

Name	Description	Type	Required
id	Cornerstone generated unique ID User Id integer value, Cornerstone Internal Integer Id.	Number (Int32)	No

Name	Description	Type	Required
userid	User's Ref, Client Defined value User's Ref, Client Define value	String	No
lastname	Last Name	String	No
firstname	First name	String	No
guid	GUID	String	No
lastmodified	Last modified since. API will return any employee records that were modified since the date provided in this field (inclusive). Employee last modified on	String	No
createdate	Employee created	String	No
pagenumber	Valid positive integer value for page number	Number	No
includeInactive	Include Inactive Employees values : (yes/no, true/false). By default only active users are included in the response. Include Inactive Employees values : (yes/no, true/false)	String	No

Headers:

Name	Description	Type	Required
x-csod-corp-id	Corporation identifier	String	Yes
x-csod-user-id	User identifier	Number	No
x-csod-correlation-id	Correlation identifier	String	No

Responses:

HTTP Status	Description	Media Type	Body Type	Example
200 (OK).	OK.	JSON (application/json).	EmployeeResponseData.	<pre>{ "status": "String content", "timestamp": "Date", "data": { "id": number, "url": "URL" } }</pre>

Request Body:

Media Type	Body Type	Example
JSON (application/json).	BulkEmployeeCustomFieldData.	<pre> { "status": "String content", "timestamp": "Date", "data": { "userCustomFields": [{ "id": Number, "userId": "String content", "userName": "String content", "guid": "GUID", "customFields": [{ "id": Number, "name": "String content", "value": "String content" }, { "id": Number, "name": "String content", "value": "String content" }, { "id": Number, "name": "String content", "value": [{ "valueId": Number, "title": "String content", "isSelected": bool }, { "valueId": Number, "title": "String content", "isSelected": bool }, { "valueId": Number, "title": "String content", "isSelected": bool }] }] }, { "reasonForChange": "String content" }] } } </pre>

Employees Groups

Relative URI: **/v1/employees/groups**.

Absolute URI: **/services/api/x/users/v1/employees/groups**.

Use this endpoint to fetch the list of groups for employees in bulk.

Employees Groups - GET

Use this endpoint to retrieve the list of groups for employee records.

Permission Required: Employee API - View.

OAuth 2.0 Scope: employee:read.

Query Parameters:

Name	Description	Type	Required
id	Cornerstone generated unique ID User Id integer value, Cornerstone Internal Integer Id.	Number (Int32)	No
userid	User's Ref, Client Defined value User's Ref, Client Define value	String	No
lastname	Last Name	String	No
firstname	First name	String	No
guid	GUID	String	No
lastmodified	Last modified since. API will return any employee records that were modified since the date provided in this field (inclusive). Employee last modified on	String	No
createdate	Employee created	String	No
pagenumber	Valid positive integer value for page number	Number	No
includeInactive	Include Inactive Employees values : (yes/no, true/false). By default only active users are included in the response. Include Inactive Employees values : (yes/no, true/false)	String	No

Headers:

Name	Description	Type	Required
x-csod-corp-id	Corporation identifier	String	Yes
x-csod-user-id	User identifier	Number	No
x-csod-correlation-id	Correlation identifier	String	No

Responses:

HTTP Status	Description	Media Type	Body Type	Example
200 (OK).	OK.	JSON (application/json).	BulkGroupsResponseData	<pre> Multiple Employee Records { "status":"String content", "timestamp":"Date", "data":{ "groups":[{ "id":Number, "userId":"String content", "userName":"String content", "guid":"GUID", "groups":[{ "id":Number, "ouId":"String content", "name":"String content", "type":"Group" }, { "id":Number, "ouId":"String content", "name":"String content", "type":"Group" }] }], "size":Number, "start":Number, "total":Number } } Single Employee Record { "status":"String content", "timestamp":"Date", "data":{ "id":Number, "userId":"String content", "userName":"String content", "guid":"GUID", "groups":[{ "id":Number, "ouId":"String content", "name":"String content", "type":"Group" }] } } </pre>

HTTP Status	Description	Media Type	Body Type	Example
				<pre> }, { "id":Number, "ouId":"String content", "name":"String content", "type":"Group" }] } } </pre>

Employees Status

Relative URI: **/v1/employees/employmentstatus.**

Absolute URI: /services/api/x/users/v1/employees/employmentstatus.

Use this endpoint to fetch the user type and employment status information for employees in bulk.

Employees Employment Status - GET

Use this endpoint to retrieve the user type and employment status information for several employees in a single API call. If you wish to retrieve this data for a single employee record, please use the 'Employee Employment Status' endpoint.

Permission Required: Employee API - View.

OAuth 2.0 Scope: employee:read.

Query Parameters:

Name	Description	Type	Required
id	Cornerstone generated unique ID. Valid employee id.	Number (Int32).	No.
userid	User's Ref, Client Defined value.	String.	No.
lastname	Last Name.	String.	No.
firstname	First name.	String.	No.
guid	GUID.	String.	No.

Name	Description	Type	Required
lastmodified	Last modified since. API will return any employee records that were modified since the date provided in this field (inclusive). Employee last modified on.	String.	No.
createdate	Employee created.	String.	No.
pagenumber	Valid positive integer value for page number.	Number.	No.
includeInactive	Include Inactive Employees values : (yes/no, true/false). By default only active users are included in the response. Include Inactive Employees values : (yes/no, true/false).	String.	No.

Headers:

Name	Description	Type	Required
x-csod-corp-id	Corporation identifier.	String.	Yes.
x-csod-user-id	User identifier.	Number.	No.
x-csod-correlation-id	Correlation identifier.	String.	No.

Responses:

HTTP Status	Description	Media Type	Body Type	Example
200 (OK).	OK.	JSON (application/json).	BulkEmploymentStatusResponseData	<pre>{ "status": "String content", "timestamp": "Date", "data": { "data": [{ "id": Number, "userId": "String content", "userName": "String content", "guid": "GUID", "userType": "String content", "userSubType": "String content", "employmentStatus": "String content", "leaveStatus": { "leaveReason": "String content" }, "terminationStatus": { "terminationType": "String content", "terminationReason": "String content" } }] } }</pre>

HTTP Status	Description	Media Type	Body Type	Example
				<pre> "eligibleForRehire":bool, "terminationDate":"Date" }, "isRehiredEmployee":bool }, { "id":Number, "userId":"String content", "userName":"String content", "guid":"GUID", "userType":"String content", "userSubType":"String content", "employmentStatus":"String content", "leaveStatus":{ "leaveReason":"String content" }, "terminationStatus":{ "terminationType":"String content", "terminationReason":"String content", "eligibleForRehire":bool, "terminationDate":"Date" }, "isRehiredEmployee":bool } }, "size":Number, "start":Number, "total":Number } } </pre>

Employee Employment Status

Relative URI: `/services/api/x/users/v1/employees/{id}/employmentstatus`.

Absolute URI: `/services/api/x/users/v1/employees/{id}/employmentstatus`.

Use this endpoint to fetch and update an employee's user type and employment status, including termination and rehire information.

Validation Exceptions

#	Validation	Description
1	{identifiertype}- {id}	Invalid Value.
2	User	User Not Found.
3	Permission	Employee service is not enabled, please contact the system administrator.
4	Security object	Provided service does not have security object - Rest Service - Core enabled to perform this operation.
5	createdate	Invalid Value.
6	lastmodified	Invalid Value.
7	ReasonForChange	Invalid Value.

Employees Employment Status - GET

Use this endpoint to retrieve the user type and employment status information for a single employee record. If you wish to retrieve this data for several employees in a single API call, please use the 'Employees Status' endpoint.

Permission Required: Employee API - View

OAuth 2.0 Scope: employee:read

Query Parameters:

Name	Description	Type	Required
id	Cornerstone generated unique ID Valid employee id	Number (Int32)	Yes

Headers:

Name	Description	Type	Required
x-csod-corp-id	Corporation identifier	String	Yes
x-csod-correlation-id	Correlation identifier	String	No

Responses:

HTTP Status	Description	Media Type	Body Type	Example
200 (OK).	OK.	JSON (application/json).	UserTypeEmploymentData	<pre>{ "status": "String content", "timestamp": "Date", "data": { "id": Number, "userId": "String content", "userName": "String content", "guid": "GUID", "userType": "String content", "userSubType": "String content", "employmentStatus": "String content", "leaveStatus": { "leaveReason": "String content" }, "terminationStatus": { "terminationType": "String content", "terminationReason": "String content", "eligibleForRehire": bool, "terminationDate": "Date" }, "isRehiredEmployee": bool } }</pre>

Employees Employment Status - PATCH

Use this endpoint to update the user type and employment status information for a single employee record.

Permission Required: Employee API - Edit.

OAuth 2.0 Scope: employee:updatepartial.

Query Parameters:

Name	Description	Type	Required
id	Cornerstone generated unique ID Valid employee id	Number (Int32)	Yes

Headers:

Name	Description	Type	Required
x-csod-corp-id	Corporation identifier	String	Yes

Name	Description	Type	Required
x-csod-correlation-id	Correlation identifier	String	No

Responses:

HTTP Status	Description	Media Type	Body Type	Example
200 (OK)	OK	JSON (application/json)	EmployeeResponseData	<pre>{ "status": "String content", "timestamp": "Date", "data": { "id": number, "url": "URL" } }</pre>

Request Body:

Media Type	Body Type	Example
JSON (application/json)	UserTypeEmploymentData	<pre>{ "userType": "String content", "userSubType": "String content", "employmentStatus": "String content", "leaveStatus": { "leaveReason": "String content" }, "terminationStatus": { "terminationReason": "String content", "eligibleForRehire": bool, "terminationDate": "Date" }, "isRehiredEmployee": bool, "reasonForChange": "String content" }</pre>

Employment Status As Of

Relative URI: `/v1/employees/{id}/employmentstatus/effectivedate/{asOfDate}`

Absolute URI: `/services/api/x/users/v1/employees/{id}/employmentstatus/effectivedate/{asOfDate}`

Use this endpoint to fetch and update an employee's user type and employment status, including termination and rehire information 'as of' of a given date. Before using this endpoint, you may want to fetch the list of effective dates for a user with the 'Employe Effective Date Status' endpoint (`/services/api/x/users/v1/employees/{id}/effectivedate/status`). Once you have the dates, you can then use this endpoint to fetch or update the user type and employment status for an employee record for each one of the effective dates.

To learn more about the 'Effective Dating' feature, read this [help article](#) (you will need to be logged into a Cornerstone portal to access this link).

You can construct your request URL in two ways:

1. `https://{corpname}.csod.com/services/api/x/users/v1/employees/{id}/employmentstatus/effectivedate/{asOfDate}`. Here, the `id` parameter in the URL must match with the existing Cornerstone generated ID for a user.
2. `https://{corpname}.csod.com/services/api/x/users/v1/employees/{identifiertype}-{id}/employmentstatus/effectivedate/{asOfDate}`. For the `identifiertype` parameter, you can send one of the following values:
 - **id**: This is a Cornerstone generated unique ID for each user in your portal.
 - **userid**: This is the User ID you see in the Cornerstone UI. You may also have seen this being referred to as the 'User Ref'. For example, `https://{corpname}.csod.com/services/api/x/users/v1/employees/userid-johndoe/employmentstatus/effectivedate/{asOfDate}`.
 - **guid**: This is a Cornerstone generated GUID for each user in your portal.

Validation Exceptions

#	Validation	Description
1	<code>{identifiertype}-{id}</code>	Invalid Value.
2	User	User Not Found.
3	Permission	Employee service is not enabled, please contact the system administrator.
4	security object	Provided service does not have security object - Rest Service - Core enabled to perform this operation.
5	asOfDate	Invalid Value.

Employment Status As Of - GET

Use this endpoint to retrieve an employee's user type and employment status.

Permission Required: Employee API - View

OAuth 2.0 Scope: employee:read

Query Parameters:

Name	Description	Type	Required
id	Cornerstone generated unique ID Valid employee id	Number (Int32)	Yes
asOfDate	Effective Date, Format YYYY-MM-DD	String	Yes

Headers:

Name	Description	Type	Required
x-csod-corp-id	Corporation identifier	String	Yes
x-csod-correlation-id	Correlation identifier	String	No

Responses:

HTTP Status	Description	Media Type	Body Type	Example
200 (OK).	OK.	JSON (application/json).	UserTypeEmploymentData	<pre>{ "status":"String content", "timestamp":"Date", "data":{ "id":Number, "userId":"String content", "userName":"String content", "guid":"GUID", "userType":"String content", "userSubType":"String content", "employmentStatus":"String content", "leaveStatus":{ "leaveReason":"String content" }, "terminationStatus":{ "terminationType":"String content", "terminationReason":"String content", "eligibleForRehire":bool, "terminationDate":"Date" }, "isRehiredEmployee":bool } }</pre>

Employment Status As Of - PATCH

Use this endpoint to update an employee's user type and employment status, including termination and rehire information 'as of' of a given date.

Permission Required: Employee API - Edit.

OAuth 2.0 Scope: employee:updatepartial.

Query Parameters:

Name	Description	Type	Required
id	Cornerstone generated unique ID Valid employee id.	Number (Int32)	Yes
asOfDate	Effective Date, Format YYYY-MM-DD	String	Yes

Headers:

Name	Description	Type	Required
x-csod-corp-id	Corporation identifier	String	Yes
x-csod-user-id	User identifier	Number	No
x-csod-default-culture-id	Culture identifier	Number (Int32)	Yes
x-csod-correlation-id	Correlation identifier	String	No

Responses:

HTTP Status	Description	Media Type	Body Type	Example
200 (OK)	OK	JSON (application/json)	EmployeeResponseData	<pre>{ "status": "String content", "timestamp": "Date", "data": { "id": number, "url": "URL" } }</pre>

Request Body:

Media Type	Body Type	Example
JSON (application/json)	UserTypeEmploymentData	<pre>{ "userType": "String content", "userSubType": "String content", "employmentStatus": "String content", "leaveStatus": { "leaveReason": "String content" }, "terminationStatus": { "terminationReason": "String content", "eligibleForRehire": bool, "terminationDate": "Date" }, "isRehiredEmployee": bool, "reasonForChange": "String content" }</pre>

Type Definitions

EmployeeData

System Type: Object

Properties:

- **id:** Unique Integer Employee Id, Cornerstone Internal. Type: Number (Int32). Required: No.
- **userId:** Employee Id, Client define. Also refer as User's Ref. Type: String. Required: No.
- **userName:** User Name, Client define. Required for POST. Type: String. Required: No.
- **guid:** System generated unique identifier for user. Type: String. Required: No.
- **firstName:** First Name. Required for POST. Type: String. Required: No.
- **lastName:** Last Name. Required for POST. Type: String. Required: No.
- **middleName:** Middle Name. Type: String. Required: No.
- **prefix:** Name Prefix. Type: String. Required: No.
- **suffix:** Name Suffix. Type: String. Required: No.
- **primaryEmail:** Primary Email Id. Type: String. Required: No.
- **personalEmail:** Personal Email Id. Type: String. Required: No.
- **homePhone:** Home Phone. Type: String. Required: No.
- **mobilePhone:** Mobile Phone. Type: String. Required: No.
- **workPhone:** Work Phone. Type: String. Required: No.
- **fax:** Fax. Type: String. Required: No.
- **address:** Address Details. Type: AddressData. Required: No.
- **workerStatus:** Worker Status Details. Type: WorkerStatusData. Required: No.
- **settings:** User Setting Details. Type: SettingsData. Required: No.
- **manager:** User Manager Details. Type: EmployeeLiteData. Required: No.
- **approver:** User Approver Details. Type: EmployeeLiteData. Required: No.
- **relations:** User Custom Relations. Type: EmployeeUserRelationData. Required: No.
- **ous:** User Organisation Unit Details. Type: OuLiteData. Required: No.
- **selfRegistrationGroup:** Self Registration Details. Type: OuLiteData. Required: No.
- **customOus:** Custom Organisation Unit Details. Type: CustomOuLiteData. Required: No.
- **customFields:** User Custom Field Details. Type: EmployeeCustomFieldData. Required: No.
- **employeeMetaData:** User Metadata Information. Type: EmployeeMetaData. Required: No.
- **reasonForChange:** Reason For Change. Only supported for PATCH and PUT. Type: String. Required: No.

AddressData

System Type: Object

Properties:

- **country:** Country. Type: String. Required: No.
- **line1:** Address Line 1. Type: String. Required: No.
- **line2:** Address Line 2. Type: String. Required: No.
- **city:** City. Type: String. Required: No.
- **state:** State. Type: String. Required: No.
- **zipCode:** Zip Code. Type: String. Required: No.

WorkerStatusData

System Type: Object

Properties:

- **lastHireDate:** Last Hire Date. Type: String. Required: No.
- **originalHireDate:** Original Hire Date. Type: String. Required: No.
- **active:** Active - Boolean value. Type: Boolean. Required: No.
- **absent:** Absent - Boolean value. Type: Boolean. Required: No.

SettingsData

System Type: Object

Properties:

- **displayLanguage:** Display Language. Type: String. Required: No.
- **timeZone:** Time Zone. Type: String. Required: No.
- **trainingApprovals:** Training Approvals. Type: Number (Int32). Required: No.

EmployeeLiteData

System Type: Object

Properties:

- **id:** Unique Integer Employee Id, Cornerstone Internal. Type: Number (Int32). Required: No.
- **userId:** Employee Id, Client define. Also refer as User's Ref. Type: String. Required: No.
- **firstName:** First Name. Type: String. Required: No.
- **lastName:** Last Name. Type: String. Required: No.

EmployeeUserRelationData

System Type: Object

Properties:

- **relationType:** Relation Type. Type: String. Required: No.
- **id:** Unique Integer Employee Id, Cornerstone Internal. Type: Number (Int32). Required: No.
- **userId:** Employee Id, Client define. Also refer as User's Ref. Type: String. Required: No.
- **firstName:** First Name. Type: String. Required: No.
- **lastName:** Last Name. Type: String. Required: No.

OuLiteData

System Type: Object

Properties:

- **id:** Org. Unit Id - Unique Integer Org. Unit Id, Cornerstone Internal. Type: Number (Int32). Required: No.
- **ouId:** Org. Unit Id - Org. Unit Id, also refer as OU Ref. Type: String. Required: No.
- **name:** Org. Unit Name. Type: String. Required: No.
- **type:** Org. Unit Type. Type: String. Required: No.

CustomOuLiteData

System Type: Object

Properties:

- **id:** Org. Unit Id - Unique Integer Org. Unit Id, Cornerstone Internal. Type: Number (Int32). Required: No.
- **ouId:** Org. Unit Id - Org. Unit Id, also refer as OU Ref. Type: String. Required: No.
- **name:** Org. Unit Name. Type: String. Required: No.
- **type:** Org. Unit Type. Type: String. Required: No.

EmployeeCustomFieldData

System Type: Object

Properties:

- **id:** Integer Custom Field Id, Cornerstone Internal Id which uniquely identifies the custom field. Required if Name value not provided. Type: Number (Int32). Required: No.
- **name:** Custom Field Name, required if Id value not provided. Type: String. Required: No.
- **value:** Custom field Value, depending on the Custom Field Type, the Value field have different return type. For Example, if Custom Field is boolean type, response will either be true or false and for the Multicheck box type Custom Fields response type will be different. Type: Not specified in this excerpt. Required: No.

EmployeeResponseData

System Type: Object

Properties:

- **id:** Type: Number (Int32). Required: No.
- **url:** Type: String. Required: No.

ActivationPeriodData

System Type: Object

Properties:

- **activeFrom:** Activation From Date, Format YYYY-MM-DDTHH:MM:SS. Required Field. Type: String. Required: No.
- **activeTo:** Activation To Date, Format YYYY-MM-DDTHH:MM:SS. Type: String. Required: No.

AvailableEffectiveDates

System Type: Object

Properties:

- **effectiveDates:** Get Effective Dates and status. Type: EffectiveDatedStatus. Required: No.
- **size:** Payload size, positive integer value, Default value 50. Max value 50. Type: Number (Int32). Required: No.
- **start:** Start value, Default value 0, positive integer value. Type: Number (Int32). Required: No.
- **total:** Total number of records which matches the criteria, positive integer value. Type: Number (Int32). Required: No.

EffectiveDatedStatus

System Type: Object

Properties:

- **effectiveDate:** Effective Date. Type: String. Required: No.
- **status:** Status. Type: String. Required: No.

BulkEmployeeCustomFieldData

System Type: Object

Properties:

- **userCustomFields:** User Custom Field Details. Type: CustomFieldData. Required: No.
- **size:** Payload size, positive integer value, Default value 50. Max value 50. Type: Number (Int32). Required: No.
- **start:** Start value, Default value 0, positive integer value. Type: Number (Int32). Required: No.
- **total:** Total number of records which matches the criteria, positive integer value. Type: Number (Int32). Required: No.

CustomFieldData

System Type: Object

Properties:

- **id:** Id is always integer and Cornerstone Internal database value which represent user at CSOD. Type: Number (Int32). Required: No.
- **userId:** UserId is an unique value define by Clients. Type: String. Required: No.
- **userName:** UserName is an unique value define by Clients. Type: String. Required: No.
- **guid:** System generated GUID which can also uniquely identify user in Cornerstone System. Type: String. Required: No.
- **customFields:** List of Custom Fields and its value. Type: CustomField. Required: No.

BulkGroupsResponseData

System Type: Object

Properties:

- **groups:** User Group Details. Type: GroupsResponseData. Required: No.
- **size:** Payload size, positive integer value, Default value 50. Max value 50. Type: Number (Int32). Required: No.
- **start:** Start value, Default value 0, positive integer value. Type: Number (Int32). Required: No.
- **total:** Total number of records which matches the criteria, positive integer value. Type: Number (Int32). Required: No.

GroupsResponseData

System Type: Object

Properties:

- **id:** Id is always integer and Cornerstone Internal database value which represent user at CSOD. Type: Number (Int32). Required: No.
- **userId:** UserId is an unique value define by Clients. Type: String. Required: No.
- **userName:** UserName is an unique value define by Clients. Type: String. Required: No.
- **guid:** System generated GUID which can also uniquely identify user in Cornerstone System. Type: String. Required: No.
- **groups:** User Group Details. Type: Group. Required: No.
- **ouId:** Org. Unit Id - Org. Unit Id, also refer as OU Ref. Type: String. Required: No.
- **name:** Type: String. Required: No.
- **type:** Type: String. Required: No.

BulkEmploymentStatusResponseData

System Type: Object

Properties:

- **employmentStatus:** Employment Status Details. Type: UserTypeEmploymentData. Required: No.
- **size:** Payload size, positive integer value, Default value 50. Max value 50. Type: Number (Int32). Required: No.
- **start:** Start value, Default value 0, positive integer value. Type: Number (Int32). Required: No.
- **total:** Total number of records which matches the criteria, positive integer value. Type: Number (Int32). Required: No.

UserTypeEmploymentData

System Type: Object

Properties:

- **id:** Id is always integer and Cornerstone Internal database value which represent user at CSOD. Type: Number (Int32). Required: No.
- **userId:** UserId is an unique value define by Clients. Type: String. Required: No.
- **userName:** UserName is an unique value define by Clients. Type: String. Required: No.
- **guid:** System generated GUID which can also uniquely identify user in Cornerstone System. Type: String. Required: No.
- **userType:** Represents type of user. Required Field. Type: String. Required: No.
- **userSubType:** Represents sub-type of employee. Type: String. Required: No.
- **employmentStatus:** Represents status of employee. Required Field. Type: String. Required: No.
- **leaveStatus:** Leaves details for employee. Applicable only if EmploymentStatus is 'On Leave'. Type: LeaveStatusData. Required: No.
- **terminationStatus:** Termination details for employee. Applicable only if EmploymentStatus is 'Terminated'. Type: TerminationStatusData. Required: No.
- **isRehiredEmployee:** Represents employee is rehired employee. Type: Boolean. Required: No.
- **reasonForChange:** Reason For Change. Only supported for PATCH and PUT. Type: String. Required: No.

LeaveStatusData

System Type: Object

Properties:

- **leaveReason:** Type: String. Required: No.

TerminationStatusData

System Type: Object

Properties:

- **terminationType:** Termination Type for employee. Type: String. Required: No.
- **terminationReason:** Termination details for employee. Type: String. Required: No.
- **eligibleForRehire:** Represents employee is eligible for rehire. Type: Boolean. Required: No.
- **terminationDate:** Employee termination date. Type: String. Required: No.