# IdentitiesV2 API – CEPI UIC Service

# Search endpoint

This endpoint allows the user to search for a Unique ID (UIC) based on student details. Multiple requests may be submitted at one time. The LocalIdentifier field is used to submit a reference ID to correlate the responses with the initial requests. The LocalIdentifier can be any value meaningful to the Identities API consumer, for example, a local identifier may be used for the caller’s convenience. The corresponding response sets will contain whatever was submitted.

This feature now also includes an option for privileged API clients to have the ability to instantly create a new UIC on no near match. This privilege is managed in the Operations Cockpit by navigating to the API Integration management page for a district and checking or unchecking “Allow UIC Auto Creation”. If this endpoint is called when a client has this privilege and CreateUICOnNoMatch is set to true, a search’s results will contain a newly generated Unique ID in the IdentityResponse (in the Search Results endpoint). Unprivileged clients passing true for CreateUICOnNoMatch will receive search results only.

Note: The UIC service now includes entity identifiers on some requests and responses. It is important to note that the underlying data types may cause unexpected differences in formatting. For instance, the Michigan Educational Entity Master (EEM) records school entity identifiers as 5-character strings, many of which may be padded with leading zeroes (e.g., “01234”), while the Ed-Fi ODS SchoolId is stored as a numerical data type, thus not including a leading zero (e.g., 1234).

# Endpoint

/api/identities/v2.0/search

# Request type

POST

# Request body



# Response types

HTTP Status Code 202 Accepted – The request was submitted and the results will be available at the URL indicated in the HTTP Location header (see Search Results endpoint).

HTTP Status Code 502 – The underlying identity system returned an error.

# Example request



# Example response

Status: 202 Accepted  
Location (header): https://apibaseexample/api/identities/v2.0/results/10357689

OR

Status: 502 Bad Gateway

# Search Results endpoint

Note: this endpoint should be called by issuing a GET request to the location returned by the Search endpoint.

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# Endpoint

/api/identities/v2.0/results/{id}

# Request type

GET

# Response types

HTTP Status Code 200 OK with response body of IdentitySearchResponse.



HTTP Status Code 404 Not Found – No identity search matching the provided ID was found.

HTTP Status Code 502 Bad Gateway – The underlying identity system returned an error.

# Example request

GET https://apibaseexample/api/identities/v2.0/results/10357689

# Example response

Status: 200 OK with body (complete)  


Status: 200 OK with body (incomplete)



# Create endpoint

This endpoint allows the user to submit a new create request to the CEPI UIC Service.

Note: The UIC service now includes entity identifiers on some requests and responses. It is important to note that the underlying data types may cause unexpected differences in formatting. For instance, the Michigan Educational Entity Master (EEM) records school entity identifiers as 5-character strings, many of which may be padded with leading zeroes (e.g., “01234”), while the Ed-Fi ODS SchoolId is stored as a numerical data type, thus not including a leading zero (e.g., 1234).

# Endpoint

/api/identities/v2.0

# Request type

POST

# Request body



# Response types

HTTP Status Code 202 Accepted – The request was submitted and the results will be available at the URL indicated in the HTTP Location header (see Create Results endpoint).

HTTP Status Code 400 Bad Request – There were invalid properties.

HTTP Status Code 502 Bad Gateway – The underlying identity system returned an error.

# Example request



# Example response

Status: 202 Accepted  
Location (header): https://apibaseexample/api/identities/v2.0/createresult/135468

OR

Status: 400 Bad Request

# Create Results endpoint

Note: this endpoint should be called by issuing a GET request to the location returned by the Create endpoint.

# Endpoint

/api/identities/v2.0/createresult/{id}

# Request type

GET

# Response types

HTTP Status Code 200 OK with response body of IdentityCreateResponse.



HTTP Status Code 400 Bad Request – The create request was rejected by the underlying identity system.

HTTP Status Code 502 Bad Gateway – The underlying identity system returned an error.

# Example request

GET https://apibaseexample/api/identities/v2.0/createresult/10357689

# Example response

Status: 200 OK with body



Status: 200 OK with body



Status: 200 OK with body



# Link endpoint

This endpoint allows the user to submit a new link request to the CEPI UIC Service.

# Endpoint

/api/identities/v2.0/link

# Request type

POST

# Request body



# Response types

HTTP Status Code 202 Accepted – The request was submitted and the results will be available at the URL indicated in the HTTP Location header (see Create Results endpoint).

HTTP Status Code 400 Bad Request – There were invalid properties.

HTTP Status Code 502 Bad Gateway – The underlying identity system returned an error.

# Example request



# Example response

Status: 202 Accepted  
Location (header): https://apibaseexample/api/identities/v2.0/linkresult/135468

OR

Status: 400 Bad Request

# Link Results endpoint

Note: this endpoint should be called by issuing a GET request to the location returned by the Link endpoint.

# Endpoint

/api/identities/v2.0/linkresult/{id}

# Request type

GET

# Response types

HTTP Status Code 200 OK with response body of IdentityLinkResponse.



HTTP Status Code 400 Bad Request – The link request was rejected by the underlying identity system.

HTTP Status Code 502 Bad Gateway – The underlying identity system returned an error.

# Example request

GET https://apibaseexample/api/identities/v2.0/linkresult/10357689

# Example response

Status: 200 OK with body



Status: 200 OK with body



Status: 200 OK with body



# Snack Pack endpoint

This endpoint allows the user to retrieve the Snack Pack records for students from the CEPI UIC Service.

# Endpoint

/api/identities/v2.0/snackpack

# Request type

POST

# Request body



# Response types

HTTP Status Code 200 OK with response body of StudentSnackPacksResult.



HTTP Status Code 502 Bad Gateway – The underlying identity system returned an error.

# Example request



# Example response

Status: 200 OK with body



# Snack Pack extended endpoint – new Fall 2021 – non-breaking addition/change

This endpoint allows the user to retrieve the Snack Pack records for students from the CEPI UIC Service.

Specifying either the original json payload CEPIVersion: 1 or the extended payload CEPIVersion: 2

# Endpoint

/api/identities/v2.0/snackpack/extended

# Request type

POST

# Request body



# Response types

HTTP Status Code 200 OK with response body of StudentSnackPacksExtendedResult.

Response body represents CEPIVersion 2 (new elements highlighted). CEPIVersion 1 returns the original snackpack payload.



HTTP Status Code 502 Bad Gateway – The underlying identity system returned an error.

# Example request



# Example response

Status: 200 OK with body



# Direct Cert –Entity new Fall 2021

This endpoint allows the user to retrieve all direct certification information for entity for the calling client

# Endpoint

# /identities/directcert/entity

# Request type

GET

# Response types

HTTP Status Code 200 OK with response body of StudentDirectCertInformationResult.

HTTP Status Code 502 Bad Gateway – The underlying identity system returned an error.

# Example response

Status: 200 OK with body



# Direct Cert –Student new Fall 2021

This endpoint allows the user to retrieve Direct Certification Information for one or more students.

# Endpoint

# /identities/directcert/student

# Request type

Post

# Request body



# Response types

HTTP Status Code 200 OK with response body of StudentDirectCertInformationResult.

HTTP Status Code 502 Bad Gateway – The underlying identity system returned an error.

# Example response

Status: 200 OK with body

