Clinical Data Pull
Technical Specifications for Optional User Access Web Service

The "Clinical Data Interoperability Services" feature in REDCap may optionally utilize a custom-built user access/authorization web service for verifying REDCap users who will be viewing and adjudicating data from the EHR (electronic health record system) and importing the data into a REDCap project.

This web service is not included in REDCap but is to be built by the host institution if the you wish to provide extra limitations or safeguards around Clinical Data Pull. By default, REDCap will only allow users to view, adjudicate, or import EHR data if it has first verified that the user has launched REDCap from inside the EHR user interface, after which the user may use the Clinical Data Pull functionality in their Clinical Data Pull-enabled projects. **So if you wish to enforce further limitations on users that are utilizing Clinical Data Pull, then building this user access web service is a viable option.**

Described below are the detailed technical specifications for the user access web service, including the HTTP request method type, parameters (and their format) sent by REDCap to the service, as well as the format/content of the response body received by REDCap from the service.

Specs for the User Access Web Service (optional)
- Description: REDCap will make requests to this web service when validating if the current user has proper authorization for adjudicating CDP data and/or accessing data from the EHR. This web service will only be called once per project per session. If the user is determined by the service not to have access, then they will be given an error message if they attempt to adjudicate any data from the CDP. Note: This service is not mandatory but is only optional for extra security.
- Request type: POST
- URL: doesn't matter
- Post parameters sent: "**user**", "**project_id**", "**redcap_url**" (see details above)
- **Return format:** Boolean, either "1" if they have access to the EHR (e.g., Epic, Cerner) or "0" if not.