

## Patient Access and Provider Directory API Application Configuration Instructions

*Enterprise Development, May 31, 2023*

### Objective

To provide comprehensive, quick-reference instructions regarding configuration of Patient Access and Provider Directory Interoperability API applications. The following steps outline this process in order of task prioritization and chronology.

### Preliminary Tasks

Before application information input/configuration can take place regarding Patient Access and Provider Directory Interoperability information, the following tasks must be performed:

- 1) Ensure compliance with the following authorization framework items:
  - Authorization Framework:** OAuth 2.0
  - Identity Layer:** OpenID Connect
  - Access Token Type:** JSON Web Token
  - HL7 FHIR:** R4
- 2) Open a Kern Health System request to create the following credentials for Application Authorization (same for Patient Access and Provider Directory):
  - Client ID
  - Secret

### Application Configuration

After preliminary tasks listed above have been performed, application configuration can begin regarding Patient Access, Provider Directory, and FHIR Server login per the following steps:

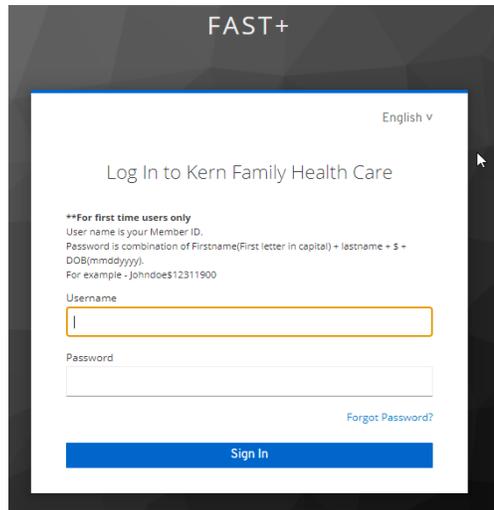
- 1) Authorization Server Configuration: Enter the following IAM authorization URL text into the application's authorization configuration section.
  - Auth URL:**  
<https://fastplusiam.khs-net.com:8443/auth/realms/fastplus/protocol/openid-connect/auth>.
  - Access Token URL:**  
<https://fastplusiam.khs-net.com:8443/auth/realms/fastplus/protocol/openid-connect/token>.
  - a. Enter the **Client ID** and **Secret** issued by KHS into the application's Client ID and Secret configuration section.
  - b. Ensure the application is configured with additional authorization if required:  
(i.e., **Grant Type:** Authorization Code; **Scope:** openid).
- 2) Enter the following API-based URL text into the applicable API configuration section:
  - Patient Access API Application Configuration:**  
<https://fastplusapi.khs-net.com:8080/patient/paa/r4/>.



**Provider Directory API Application Configuration:**

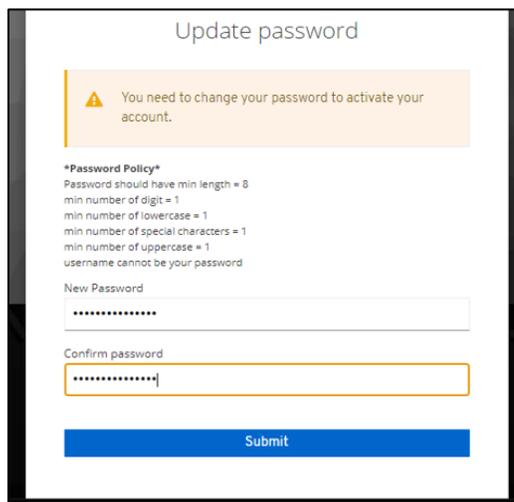
<https://fastplusapi.khs-net.com:8080/provider/paa/r4/>.

- 3) Log in to the FHIR server by performing the following steps:
  - a. Use the application's login feature to access the FAST+ login screen, verifying the application has successfully redirected to the authentication server (Figure A).



*Figure A: FAST+ Login Screen*

- b. Complete the login session to verify that full authentication/authorization is successful and ready for the authorized API access, updating password when necessary (Figure B).



*Figure B: Login Session Screen/Update Password*

- c. Test the application to confirm it is successfully sending API requests and receiving API responses.