

Quality Payment PROGRAM

DEVELOPER TOOLS & EHR SUBMISSION

Listening Session



Goals



- Update and Feedback on Existing QPP Developer Tools
- Gather feedback from you about existing QPP Developer Tools
- Share our vision for EHR API Submissions and get your feedback
- Understand what tools QPP can develop to help you and your customers

EXISTING QPP DEVELOPER TOOLS

Update

Guiding Principles

Feedback

Existing QPP Developer Tools

Guiding Principles



- API first
 - QPP platform designed from ground up on APIs
 - Nearly every aspect of the platform has an API
 - All of the customer facing applications we have developed for QPP use those APIs
 - For example, our QPP submission user interface on the QPP website is built atop the very same API endpoints that we have made available for use by third parties
- Design with users, not for them
 - We engage with our users continuously throughout the development lifecycle to ensure that the software we are building is aligned with their needs
 - Public developer sandbox since March of 2017
 - Private Developer Preview environment since July 2017
 - Surfaced bugs and generated feedback that guided our development process
 - Resulted in a product that was more closely aligned with user needs

Existing QPP Developer Tools

What has been delivered so far



- Measures Data Repository
 - [Open source codebase](#) that contains information about QPP measures
 - Includes all three QPP measures categories (ACI, IA, Quality)
 - Import measures data into your own codebase
- Submissions API
 - [Public developer sandbox](#)
 - [API documentation on QPP website](#)
 - QPP APIs [Google Group](#)
 - Developer Preview for 2017 Qualified Registries and QCDRs
- QPP Conversion Tool
 - [Open source codebase](#) for converting QRDA III files to QPP JSON for submission to the Quality Payment Program

Existing QPP Developer Tools

Feedback?



Existing Tools

- QPP Measures Data Repository
- QPP Submissions API – Public Sandbox

Questions

- How do you use these tools today?
- How might we improve these tools?



EHR API SUBMISSIONS

Challenge
Vision
Feedback

EHR API Submissions

Authentication Challenge



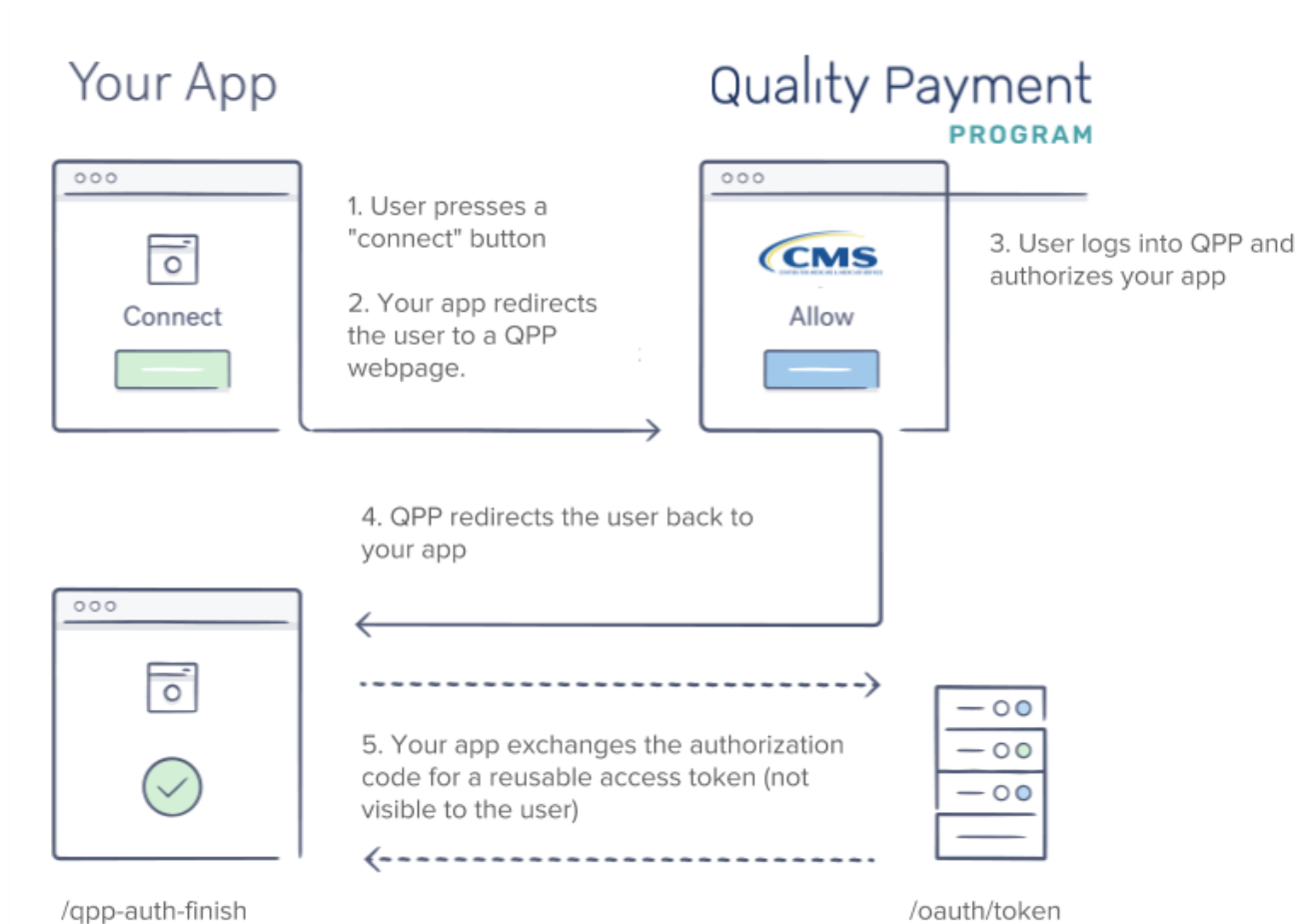
- QPP submissions and scoring are authenticated transactions
 - Transactional model for Qualified Registries and QCDRs is very well defined, with clear lines of accountability and transactional integrity
 - EHRs on the other hand, offer a wide range of transactional models, and the lines of accountability and transactional integrity are neither well-defined, nor common
 - Simply applying the Registry authentication model does not work for EHRs
- What authentication model would work across all EHR models?
 - Cloud – hundreds or thousands of users, one codebase
 - On premises – many locally installed codebases, multiple vintages
 - Shared instance – many customers per codebase, many codebases of multiple vintages
 - Open source – lots of possible variations, no single developer

EHR API Submissions

Vision



This is how we envision EHRs integrating with the QPP Submissions API:



QPP Submissions API Sandbox for EHRs

Feedback



- What feedback or concerns do you have about this approach?
- What would you need from CMS in order to integrate the API into your software and how far in advance of the submission window would you need it?
- How would you roll this out to providers using your software?
- How do you think using the QPP Submissions API will benefit your providers versus the existing file upload approach?

FUTURE TOOLS & DOCUMENTATION

Future Tools & Documentation



- What tools and/or developer documentation would make it easier for you and your providers to submit data to QPP?
- What are the biggest pain points for you and your providers when reporting to QPP?

CLOSING REMARKS

Goals



- Email QPP@cms.hhs.gov with the following information:
 1. Name of your EHR software
 2. Type of software you offer to doctors (e.g. cloud, on-premises, shared instance, open source_
 3. # of doctors for which you submit QPP data