

Cypress™

Cypress Tech Talk

June 18, 2019



MITRE

The Office of the National Coordinator for
Health Information Technology



CMS
CENTERS FOR MEDICARE & MEDICAID SERVICES

Agenda

- Software Updates
 - Cypress Validation Utility + Calculation Check (CVU+)
 - Cypress 5 Releases
 - CVU+ Demo
 - Recent Updates
- Recent Issues
- Cypress Versions
- Open Discussion
- Contact Information

Cypress Validation Utility + Calculation Check (CVU+)

- **Cypress v5 will include a new set of features called Cypress Validation Utility + Calculation Check (CVU+)**
- **CVU+ seeks to address the vendor concern that the ‘certification process does not mirror a production scenario for electronic clinical quality measure (eCQM) reporting’**
 - Certification uses a constrained set of test patients
 - Certification does not enforce reporting program requirements (i.e., CMS Implementation Guide)
- **CVU+ will supplement the existing certification program**
 - Use of the CVU+ is not currently a requirement of the program

Software Update

Cypress 5 Releases

- **Cypress v5 Alpha**
 - Released May 23, 2019
 - Includes CVU+ features and Annual Update Measures posted May 13, 2019
 - Posted on resource center: <https://ecqi.healthit.gov/>
 - Available as a virtual machine (VM) download

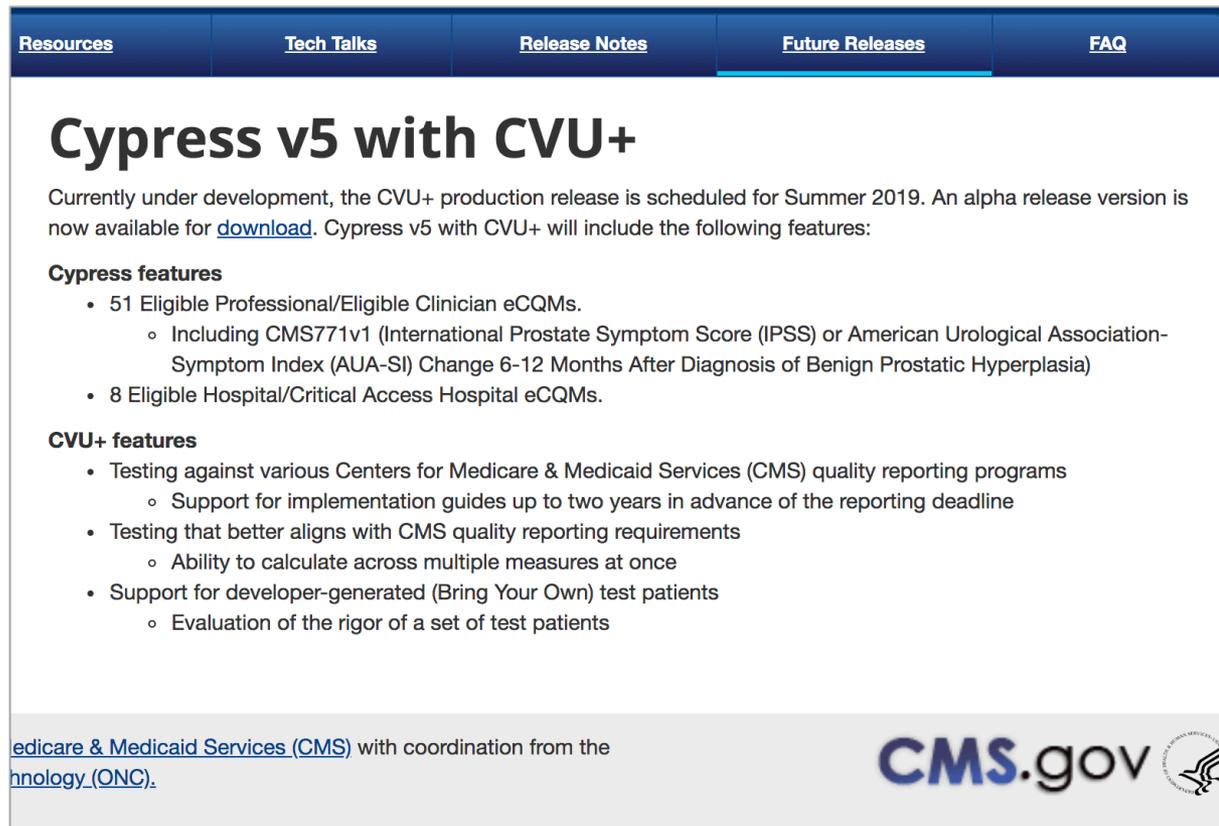
- **Cypress v5 Beta**
 - June 20, 2019
 - Available as a VM download
 - Will be deployed to demo server: cypress.healthit.gov

- **Cypress v5 Official Release**
 - Late July 2019

Software Update

Future Releases

- <https://www.healthit.gov/cypress/futurerelease.html>



The screenshot shows a navigation menu with five items: Resources, Tech Talks, Release Notes, Future Releases (highlighted), and FAQ. The main content area features the title "Cypress v5 with CVU+" and a paragraph stating that the CVU+ production release is scheduled for Summer 2019, with an alpha release version available for download. Below this, there are two sections: "Cypress features" and "CVU+ features", each with a bulleted list of details. At the bottom, there is a footer with a link to "Medicare & Medicaid Services (CMS) with coordination from the Health Information Technology (ONC)" and the CMS.gov logo.

Resources **Tech Talks** **Release Notes** **Future Releases** **FAQ**

Cypress v5 with CVU+

Currently under development, the CVU+ production release is scheduled for Summer 2019. An alpha release version is now available for [download](#). Cypress v5 with CVU+ will include the following features:

Cypress features

- 51 Eligible Professional/Eligible Clinician eQMs.
 - Including CMS771v1 (International Prostate Symptom Score (IPSS) or American Urological Association-Symptom Index (AUA-SI) Change 6-12 Months After Diagnosis of Benign Prostatic Hyperplasia)
- 8 Eligible Hospital/Critical Access Hospital eQMs.

CVU+ features

- Testing against various Centers for Medicare & Medicaid Services (CMS) quality reporting programs
 - Support for implementation guides up to two years in advance of the reporting deadline
- Testing that better aligns with CMS quality reporting requirements
 - Ability to calculate across multiple measures at once
- Support for developer-generated (Bring Your Own) test patients
 - Evaluation of the rigor of a set of test patients

[Medicare & Medicaid Services \(CMS\)](#) with coordination from the [Health Information Technology \(ONC\)](#).

CMS.gov 

Software Update **CVU+ Demo**

Recent Issue

Bugs in 4.0.2 (Fixed for 4.0.3)

CYPRESS Issue Tracker / CYPRESS-1619

Immunization, administered not complete for Record Sample test

Export

Details

Type: Bug/Issue Status: **IN PROGRESS**

Priority: **Moderate** Resolution: Unresolved

Labels: [KnownBug4.0.2](#) [RecordSampleBug](#)

Description

Duplication of issue on [google group](#) for tracking purposes.

Record Sample test for CMS 12/v7 may include an Immunization, Administered data criteria. When this is correctly put into a file with the correct code and time recorded, it does not pass. Cypress is looking for an authorDatetime in an element for which there is no authorDatetime. There **shouldn't** be an authorDatetime because as the implementation guide indicates, the effectiveTime element is used for that the authorDatetime element in question.

People

Assignee: Lauren DiCristofaro

Reporter: Lauren DiCristofaro

Votes: **0** Vote for this issue

Watchers: **1** Start watching this issue

Dates

Created: 02/11/19 9:35 AM

Search Save as

labels = KnownBug4.0.2 Search

Order by

- CYPRESS-1654 I created a test deck for a ...
- CYPRESS-1653 Negation template getting ...
- CYPRESS-1634 For all result attributes are...
- CYPRESS-1629 500 Server Error when loa...**
- CYPRESS-1627 "C1 Execution: An internal ...
- CYPRESS-1624

CYPRESS Issue Tracker / CYPRESS-1629

500 Server Error when loading C1 Sample including STK-6

Edit Comment Assign More Open In Progress (2) Workflow

Details

Type: Bug/Issue Status: **IN PROGRESS** (View Workflow)

Priority: **Moderate** Resolution: Unresolved

Labels: [KnownBug4.0.2](#) [RecordSampleBug](#)

Impact: Unable to open C1 Sample for CMS 105 (STK-6)

Description

In a local install of Cypress v4.0.2, I am encountering a 500 error when opening a c1 Sample test for CMS105v7. I can create the Product successfully and access c1+c3 and c2+c3 tests. I only get the 500 error when clicking any of the c1

People

Assignee:

Reporter:

Votes:

Watchers:

Dates

Cypress Versions

Version	Dates	Measures Supported
V4.0.2	January 31, 2019	Supports eCQMs for the 2019 Reporting/Performance Period. Fixes for bugs in v4.0.1.
V4.0.3	May 2, 2019	Latest version supporting eCQMs for the 2019 Reporting/Performance Period and CQL. Fixes record sample and other 4.0.2 bugs.

Bundle Version	Dates	Features
2018.1.0	October 11, 2018	Cypress v4 only CQL-based measures released in 2018 for the 2019 reporting year eCQM Value Sets as of 9/17/2018.

OPEN DISCUSSION

Next Cypress Tech Talk

- Tuesday, July 2, 2019 at 1pm ET
- To join online, visit:
<https://meetings.cms.gov/orion/joinmeeting.do?MTID=98271705d4bc4ad148cf1e39d5c7408>
- To join via phone, dial: 1-877-267-1577
- Meeting Number: 998 084 717
- Meeting link, as well as a calendar event file, available at:
 - <https://www.healthit.gov/cypress/techtalks.html>

Notes

- **Completed Webinars will be posted on the Cypress website on the Tech Talks tab**
 - <https://www.healthit.gov/cypress/techtalks.html>
- **Send questions and feedback to the Cypress Talk List at**
 - project-cypress-talk@googlegroups.com
- **Report bugs and issues to the Cypress JIRA at**
 - <https://oncprojecttracking.healthit.gov/support/browse/CYPRESS>